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TB CARE I

TB CARE I - Botswana

**Year 2
Quarterly Report
October-December 2011**

January 30, 2012

Quarterly Overview

Reporting Country	Botswana
Lead Partner	KNCV
Collaborating Partners	-
Date Report Sent	01/30/2012
From	Obert Kachuwaire
To	Ms Joan LaRosa (USAID Director Botswana)
Reporting Period	October-December 2011

Technical Areas	% Completion
1. Universal and Early Access	0%
2. Laboratories	58%
Overall work plan completion	29%

Most Significant Achievements

Botswana NTRL was successfully recommended for accreditation by the South Africa Accreditation Systems (SANAS). TB CARE I will continue to support the continuation of accreditation activities for the NTRL.

Thirty (30) (17 Females, 13 Males) Laboratory technicians were trained in performance and quality assurance of AFB smear microscopy. Follow-up will take place through supervisory visits; periodic panel tests by the NTRL External Quality Assurance team will follow to monitor performance of lab techs.

The Program manager Dr. Ncube participated in the three week International TB Course of The UNION in Arusha in Nov-Dec 2011.

Valentina Anisimova left the project and commenced duties at KNCV regional office in Nairobi. Dr Diriba, the new technical advisor to the NTP management arrived in December and has commenced his duties.

Botswana hosted a core project laboratory strategic planning workshop. which was attended by 12 attendees including NTP staff, partner organisations and NTRL staff. A draft National Laboratory Strategic plan was developed which is to be finalised in a second workshop in 2012.

Overall work plan implementation status

29%

Technical and administrative challenges

The entry of Dr. Diriba into the country was delayed by two weeks due to visa issues. He is currently applying for a two year resident permit.

In-country Global Fund status and update

The Round 5 grant ended December 2011. TB CARE APA1 provided support to the development of a strategic plan to support the round 11 application. The costing of this plan was funded through APA2. TB CARE APA 2 supported the costing of the draft Round 11 proposal, unfortunately round 11 was cancelled. Botswana will now apply for grant through the Transitional Funding mechanism.



Quarterly Technical Outcome Report



Technical Area	1. Universal and Early Access							
Expected Outcomes	Outcome Indicators	Baseline		Target		Result	Highlights of the Quarter	Challenges and Next Steps to Reach the Target
		Data	Year	Data	Year	Y1		
1.2 Increased quality of TB services delivered among all care providers (Supply)	1.2.4 CB-DOTS program is implemented Indicator Value: Score (0-3) based on definition.	2	2011	3	2014		Community TB Care activities have not yet begun	The in country Technical Advisor was delayed in assuming his duties due to visa delays



Technical Area		2. Laboratories						
Expected Outcomes	Outcome Indicators	Baseline		Target		Result	Highlights of the Quarter	Challenges and Next Steps to Reach the Target
		Data	Year	Data	Year	Y1		
2.1 Ensured capacity, availability and quality of laboratory testing in country needed to support the diagnosis and monitoring of TB patients	2.1.2 Laboratories with working internal and external quality assurance programs for tests that they provide including: a) smear microscopy, b) culture, c) DST, and d) rapid molecular test Indicator Value: Percent Numerator: Number of laboratories enrolled in EQA program meeting description above both nationwide and TB CARE areas. Denominator: All laboratories (national and TB CARE areas separately) that perform one or more of the above TB diagnostics.	100%	2011	100%	2012		100% (52/52)of laboratories in the country participate in blinded rechecking and panel testing programs. Thirty (30) (17 Females. 13 Males) Laboratory technicians trained in AFB smear microscopy.	
	2.1.3 Accreditation of NTRL by SANAS Indicator Value:Yes/No Level: Central Source: TB CARE Means of Verification: Accreditation	No	2011	Yes	2012		Botswana NTRL was successfully recommended for accreditation by the South Africa Accreditation Systems(SANAS)	

2.3 Ensured optimal use of new approaches to the laboratory confirmation of TB and incorporation in national strategic lab plans	2.3.1 New technologies have been introduced Indicator Value: Number for each technique below by Central, Provincial, district and Peripheral levels 1. TB culture 2. First line DST 3. Second-line DST 4. HAIN MTBDRplus 5. GeneXpert 6. LED microscopy	0	2011	Culture/ central 1-First Line DST/ central 1-Sec Line DST/ Central 1-LED/ Central	2012	Validation of First and Second line DST has begun. Results of the validation are expected end of the second quarter March 2012. Procurement of equipment for HAIN MTBDRplus at the final stage. External Quality Assurance program for LED microscopy developed. In country validation of LED microscopy to begin first quarter 2012	
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Quarterly Activity Plan Report

1. Universal and Early Access			Activity Leader	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
1.2 Increased quality of TB services delivered among all care providers (Supply)	1.1.1	Enhanced community DOTS implementation plan developed and rolled out	KNCV	18,882	 0%	Sep	2012	Community TB care activities have not yet begun and will be the responsibility of the new Technical Advisor to the NTP.
					 0%			

2. Laboratories			Activity Leader	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
2.1 Ensured capacity, availability and quality of laboratory testing in country needed to support the diagnosis and monitoring of TB patients	2.1.1	Training of laboratory technicians to AFB smear microscopy and conducting external quality assurance through technical input into course and into EQA program	KNCV	10,263	 25%	Sep	2012	Thirty (30) (17 Females, 13 Males) Laboratory technicians trained in AFB smear microscopy
	2.1.2	Acquire and maintain SANAS Accreditation of National TB Reference Laboratory through technical input into accreditation	KNCV	7,500	 100%	Sep	2012	Botswana NTRL was successfully recommended for accreditation by the South Africa Accreditation Systems(SANAS)
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date

2.3 Ensured optimal use of new approaches to the laboratory confirmation of TB and incorporation in national strategic lab plans	2.3.1	Finalized validation of MGIT DST for 1st line drugs and begin validation for second line testing through bi-annual regional TA	KNCV	10,110	 50%	Sep	2012	Validation of First and Second line DST has begun. Results of the validation are expected end of the second quarter March 2012. Procurement of equipment for HAIN MTBDRplus at the final stage. External Quality Assurance program for LED microscopy developed. In country validation of LED microscopy to begin first quarter 2012
					 58%			

Quarterly MDR-TB Report

Country	Botswana
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Period	October-December 2011
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MDR TB cases diagnosed and put on treatment in country

Quarter	Number of MDR cases diagnosed	Number of MDR cases put on treatment
Jan-Dec 2010	106	92
Jan-Sep 2011	30	0
Oct-Dec 2011	Unknown	0
Total 2011	TBD	0

Quarterly GeneXpert Report

Country	Botswana
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Period	October-December 2011
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Table 1: GeneXpert instruments and cartridges procured or planned by quarter with TB CARE I funds

	Procured			# still planned for procurement in APA 2	Month, Year procurement planned (i.e. April 2012)
	Jan-Sep 2011	Oct-Dec 2011	Jan-Dec 2011		
# GeneXpert Instruments	0	0	0	0	
# Cartridges	0	0	0	0	

Table 2: Cumulative List of GeneXpert Instruments Procured to Date or Planned in the Next Quarter (TB CARE I-funded)

Already procured or still planned? (i.e. Write "Procured" or "Planned")	Instrument	# of Modules (1, 2, 4, or 16)	Location(s) (facility name & city/ province or TBD)	USG Funding Source (e.g., PEPFAR COP FYxx, USAID) ¹	Partner/ Implementing Organization; Additional Comments
Procured	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				

¹ Differentiating between PEPFAR and USAID-funded is important. If it is PEPFAR funded, specify the fiscal year (i.e. FY2011). Add rows if there are more than 8 instruments in total.

Table 3: Cumulative Xpert MTB/RIF **Cartridges Procured to Date or Planned for Next Quarter (TB CARE I-1**

Already procured or still planned? (i.e. Write "Procured" or "Planned")	Order #	# of Cartridges*	Location(s) (facility name and city/ province or TBD)	USG Funding Source (e.g., PEPFAR COP FYxx, USAID) ¹	Comments
Procured	1				
	2				
	3				
	4				
	5				

*There are 10 cartridges per kit, but we need the total # of **cartridges** (not kits)
Add an additional row for every procurement order of cartridges

Any additional information/clarifications to the above (optional)

Please provide a brief description of any significant problems encountered in use of the GeneXpert machine(s) and Xpert MTB/RIF cartridges

Please describe technical assistance or evaluation of implementation activities performed and planned.

Quarterly Photos (as well as tables, charts and other relevant materials)



Mr Radisowa Technical Supervisor at the National Tuberculosis Reference Laboratory hands over a certificate to a laboratory technician after an AFB Smear microscopy course

Inventory List of Equipment - TB CARE I



TB CARE I

Organization:	TB CARE I
Country:	Botswana
Reporting period:	October-December 2011
Year:	APA 2

Description (1)	ID numbers (2)	Acquisition date (3)	Acquisition cost (4)	V.A.T (5)	Location (6)	Condition (7)	Disposition date (8)	Title held by (9)	Insurance Policy #
Lenovo laptop	L3-BHW4H 09/05	November 2009	\$845.00	125.76	Gaborone	New		KNCV	None
Lenovo laptop	L3-BHY0E 09/05	November 2009	\$845.00	125.76	Gaborone	New		KNCV	None
Canon i-Sensys Printer/sc	ELA09942	November 2009	\$150	22.50	Gaborone	New		KNCV	None
Dell-Inspiron laptop	14RQ4Q1	September 2011	\$985.00	147.75	Gaborone	New		KNCV	None
Toshiba- External hard dri	68571056AG	September 2011	\$76.76	11.51	Gaborone	New		KNCV	None

(1) Description of equipment: transportation (vehicles), administration (computers, faxes), laboratory equipment or others

(2) Identification number (eg Manufacturer's serial number, model number, Federal stock number, national stock number)

(3) Date of invoice

(4) Total price including any sales tax paid. Use currency on invoice

(5) Note any sales tax charged

(6) Address

(7) Good/fair or bad

(8)+(9) Ultimate disposition data, (in the case of a vehicle) including date of disposal and sales price or the method used to determine current fair market value.
where a recipient compensated TB CARE I for its share. Attach supplementary info